



SEPTEMBER 4th



On this day in...

2022: Very strong high pressure generated high maximum temperature records for September all over the West for many days early this month. On this day, several all-time high minimum temperatures were set. Riverside's min temp was 80°, and it was 78° in Chula Vista and San Diego (tie) for highest min temp on record. Highest min temp records for September were set: 92° in Palm Springs, 89° in Borrego Springs, 83° in Anaheim, 82° in Burbank, 79° in San Jacinto. A monsoonal heat wave drove temps into the 90s at 7 am along the coast. The heat wave was brought to an end by remnants of tropical cyclone Kay on 9.9.

2019: Severe thunderstorms produced a wind gust of 66 mph in Pine Valley, where many trees were downed. Thunderstorms also rolled through the San Diego metropolitan area and the Inland Empire. The decaying storms and their outflow created a roll cloud and a strong wind gust in Newport Beach.

2006: A thunderstorm dropped heavy rain along the Elsinore Convergence Zone. Significant mudslides



Tree damage resulted from severe thunderstorms in Pine Valley (above) and thunderstorm outflows produced a roll cloud and a strong wind gust at Newport Beach (below) on this day in 2019.



(debris flows) occurred in north San Jacinto, trapping 19 vehicles. A few homes and businesses were also damaged.

2003: Strong thunderstorms produced 1.75 inch hail in Joshua Tree and Twentynine Palms. 0.75 inch hail fell in the Julian area. A tornado in Joshua Tree and Yucca Valley caused extensive damage (\$25,000) to one residence and minor damage to 11 other residences (no injuries).

2002: Large swell from former Category 5 Hurricane Hernan arrive along the beaches of SoCal. The trajectory of the swell favored Orange County beaches, and surf heights surged to 12-20 ft.

1997: Hurricane Linda became the strongest storm recorded in the eastern Pacific with winds estimated at 180 mph and gusts to 218 mph. For a time it threatened to come ashore in California as a tropical storm, but the storm turned away, impacting the region with added moisture for showers and thunderstorms. This occurred during the strong El Niño of 1997-98. Thunderstorms around Forest Falls dropped 2.5 inches in 45 minutes along with golf ball size hail. Disastrous flooding and debris flows occurred at Forest Falls, totaling \$3.2 million in damage. Car-size boulders and a wall of mud 150 feet wide and 15 feet high were reported. Another wall of water, this one 10 feet, rolled through Little San Geronimo Creek flooding portions of Oak Glen. Roads were buried in debris. Two homes were completely destroyed and 77 suffered damage.

1991: Marble to golf ball size hail covered the ground in Big Bear to a depth of 2.5 inches. Total precipitation from rain and melted hail reached 2.81 inches. At the peak of the storm the temperature plummeted to 41°.

1988: Santa Ana winds and a strong ridge of high pressure overhead sent temperatures soaring. San Diego topped out at 107°, Santa Ana was 108° and Downtown L.A. was 110°. Hundreds of thousands of people flocked to the beaches only to find scorching sand. Santa Monica Hospital treated nine people for burns on their feet.

1984: A tropical air mass lasting two weeks and high sea surface temperatures led to record minimum temperature records set each day except one at San Diego starting on this day and ending on 9/19. Low temperatures ranged from 73° to the highest minimum of all time of 78° on 9/9 and 9/17. The high was 100° on 9/8.

1976: Five tornadoes were reported around El Mirage, west of Victorville, and one

near Mt. Baldy during a period that started on this day and ended on 9/6. Property damage resulted.

1939: The remnants of a hurricane tracked northeastward across northern Baja California into southwest Arizona starting on this day and ending on 9/6. Up to seven inches of rain fell on the mountains and deserts. Blythe received more rain than would normally fall in a year and Imperial received more rain than would normally fall in two years. Four tropical cyclones would impact Southern California during the month of September 1939, an unprecedented occurrence. 1.21 inches fell in San Diego. Floods through eastern canyons inundated Thermal with three feet of water. Extensive damage occurred in Mecca.